

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20070181231"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 11:52
S2	4	"5658400"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 12:13
S3	129	148/584.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 12:24
S4	295	uchino-koichi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 12:34
S5	149	uchino-koichi.in. and rail	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 12:35
S6	84	148/584.ccls. and rail	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 12:51
S7	341	ueda-masaharu.in. or pujita-kazuo.in. or matsushita-koichiro.in. or yamamoto-takeshi.in. or satoh-takuya.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/25 16:34
S8	303	ueda-masaharu.in. or pujita-kazuo.in. or matsushita-koichiro.in. or yamamoto-takeshi.in. or satoh-takuya.in. and rail same steel	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/25 16:34

S9	303	ueda-masaharu.in. or pujita-kazuo.in. or matsushita-koichiro.in. or yamamoto-takeshi.in. or satoh-takuya.in. and rail same steel same (method or process)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/25 16:35
S10	9	S9 and ((carbon or C) same (silicon or Si) same (manganese or Mn) same (boron or B))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/25 16:36
S11	19	148/584.ccls. and ((carbon or C) same (silicon or Si) same (manganese or Mn) same (boron or B))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 16:45
S12	56	((carbon or C) same (silicon or Si) same (manganese or Mn) same (boron or B)) same steel rail	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 16:46
S13	123	((carbon or C) same (silicon or Si) same (manganese or Mn) same (boron or B)) same steel same rail	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 16:46
S14	149	uchino-koichi.in. and rail and (carbon or C) and steel	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 16:50
S15	77	uchino-koichi.in. and rail and (carbon or C) and steel and (method or process or manufacture or manufacturing)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/06/25 16:51
S16	420	148/330.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:09
S17	204	420/99.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:10

S18	464	420/121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:10
S19	138	420/128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:11
S20	264	((carbon or C) same (silicon or Si) same (manganese or Mn) same (boron or B) same (nitrogen or N) same (iron or Fe or alloy or steel)) and rail	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:12
S21	13386	((carbon or C) same (silicon or Si) same (manganese or Mn) same (boron or B) same (nitrogen or N) same (iron or Fe or alloy or steel))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:12
S22	2	"11350075"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:12
S23	130	148/584.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:13
S24	1283	S23 or S16 or S17 or S18 or S19	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:13
S25	326	S21 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:13
S26	11	S21 and S24 and rail	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:13
S27	236	S21 and S24 and roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:13

S28	159	S21 and S24 and roll \$4 and rate	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/30 17:13
S29	455	148/330.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S30	205	420/99.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S31	473	420/121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S32	143	420/128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S33	130	148/584.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S34	1329	S33 or S29 or S30 or S31 or S32	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S35	13758	((carbon or C) same (silicon or Si) same (manganese or Mn) same (boron or B) same (nitrogen or N) same (iron or Fe or alloy or steel))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S36	357	S35 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S37	11	S35 and S34 and rail	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19
S38	266	S35 and S34 and roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:19

S39	184	S35 and S34 and roll \$4 and rate	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:20
S40	220	S35 and S34 and roll \$4 and time	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/03 17:21

**EAST Search History (Interference)**

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